

**From:** [Stephen Patrick Horton \(shorton\)](#)  
**To:** [Charles Lord](#)  
**Cc:** [Holland, Austin A.](#); [Philip Dellinger](#)  
**Subject:** RE: [NEWSENDER] - UIC wells near the M5.6 earthquake - Message is from an unknown sender  
**Date:** 03/13/2012 02:15 PM

---

Austin,

As we discussed in Memphis last month, I would like to investigate the potential relationship between injection at class 2 UIC wells and the November M5.6 earthquake.

Charles Lord has indicated below that you would be willing to supply injection rate and pressure data for active wells near (e.g. distance < 10km) the M5.6 main shock. I am particularly interested in data from the years 2008 to 2012. If you have additional data to supplement the monthly volume/pressure reports, that would be very helpful.

As we discussed in Memphis, I would also appreciate any information you have about the Wilzetta fault.

Thanks,  
steve

-----Original Message-----

From: Charles Lord [mailto:C.Lord@occemail.com]  
Sent: Tuesday, March 13, 2012 11:01 AM  
To: Stephen Patrick Horton (shorton)  
Cc: Holland, Austin A.  
Subject: RE: [NEWSENDER] - UIC wells near the M5.6 earthquake - Message is from an unknown sender

I apologize for taking so long to get back to you.

The State of Oklahoma has selected Austin Holland of the Oklahoma Geological Survey to investigate the recent 5.6 event in Lincoln County Oklahoma.

We have given him our 1012a reporting data for the area in question. If you would, please contact Austin Holland at 405/325-8497 for the data files.

UIC well data for the state is available on our website -  
<http://www.occeweb.com/og/ogdatafiles2.htm>. The spreadsheet includes Lat Long columns for use

with GIS programs.

Thank you,

Charles Lord  
Program Manager UIC  
Oklahoma Corporation Commission  
Post Office Box 52000  
Oklahoma City, Oklahoma 73152  
(405)522-2751  
[c.lord@occemail.com](mailto:c.lord@occemail.com)

-----Original Message-----

From: Stephen Patrick Horton (shorton) [mailto:shorton@memphis.edu]  
Sent: Thursday, March 08, 2012 3:33 PM  
To: Charles Lord  
Subject: [NEWSENDER] - UIC wells near the M5.6 earthquake - Message is from an unknown sender

Dear Charles Lord,  
I would like to investigate the potential relationship between injection at class 2 UIC wells and the November M5.6 earthquake. Philip Dellinger of the EPA indicated you would be willing to provide injection rate and pressure data for active wells near (e.g. distance < 10km) the M5.6 main shock. I am particularly interested in data from the years 2008 to 2012. If you have additional data to supplement the monthly volume/pressure reports, that would be very helpful.

Thanks,  
steve

Stephen Horton  
Research Scientist  
CERI, University of Memphis  
3876 Central Ave.  
Memphis, TN 38152  
(901) 678-4896